

option (B) only, or the selection of both options (A and B). As a further example, in the cases of “A, B, and/or C” and “at least one of A, B, and C”, such phrasing is intended to encompass the selection of the first listed option (A) only, or the selection of the second listed option (B) only, or the selection of the third listed option (C) only, or the selection of the first and the second listed options (A and B) only, or the selection of the first and third listed options (A and C) only, or the selection of the second and third listed options (B and C) only, or the selection of all three options (A and B and C). This may be extended, as readily apparent by one of ordinary skill in this and related arts, for as many items listed.

[0116] Having described preferred embodiments of a system and method (which are intended to be illustrative and not limiting), it is noted that modifications and variations can be made by persons skilled in the art in light of the above teachings. It is therefore to be understood that changes may be made in the particular embodiments disclosed which are within the scope of the invention as outlined by the appended claims. Having thus described aspects of the invention, with the details and particularity required by the patent laws, what is claimed and desired protected by Letters Patent is set forth in the appended claims.

What is claimed is:

1. A method for managing wireless collaborative charging between at least two mobile devices that include a first mobile device and a second mobile device, the method comprising:

monitoring power usage for at least one of the at least two mobile devices;

predicting power requirements for at least one of the at least two mobile devices; and

authorizing wirelessly sending power from the first mobile device to the second mobile device based on at least one of the power usage and the power requirements.

2. The method of claim 1, wherein the at least two mobile devices are determined by a proximity criteria.

3. The method of claim 1, wherein the power is focused in a direction of the second mobile device.

4. The method of claim 1, wherein the power is wirelessly sent further based on one or more pre-specified criterion.

5. The method of claim 4, wherein the second mobile device has more charge than the first mobile device, and the one or more pre-specified criterion comprise keeping the second mobile device powered as long as possible.

6. The method of claim 4, wherein at least one of the one or more pre-specified criterion is over-ridable based on one or more other criterion or a specific instruction.

7. The method of claim 6, wherein the one or more other criterion comprise a level of seniority, a level of importance to an entity, and one or more temporal criterion.

8. The method of claim 1, wherein the power requirements are predicted based on at least one of reserved power and the power usage.

9. The method of claim 1, wherein the at least two mobile devices are determined by a registration to a service.

10. The method of claim 9, wherein the service collects at least the power usage and the power requirements for the at least two mobile devices and notifies a user of a charging order and respective power thresholds of the at least two mobile devices.

11. The method of claim 1, wherein the second mobile device notifies the first mobile device of the power requirements of the second mobile device.

12. The method of claim 1, wherein the at least two devices form or are comprised in a network, and at least one of the at least two devices is switchable to a first mode as a charge contributor to the network, a second mode as a charge receiver from the network, and a third mode as a charge re-transmitter that re-transmits a charge to another one of the at least two devices in the network.

13. The method of claim 12, wherein a selection between the modes is made based on at least one of the power usage and the power requirements.

14. The method of claim 13, wherein a selection between the modes is made further based on one or more rules.

15. The method of claim 12, further comprising informing at least one of the devices of a mode selection for the at least one of the devices.

16. The method of claim 12, further comprising informing at least one of the at least two devices of a mode selection of at least another one of the at least two devices.

17. A non-transitory article of manufacture tangibly embodying a computer readable program which when executed causes a computer to perform the steps of claim 1.

18. A system for managing wireless collaborative charging between at least two mobile devices that include a first mobile device and a second mobile device, the method comprising:

a power usage monitor for monitoring power usage for at least one of the at least two mobile devices;

a power requirements predictor for predicting power requirements for at least one of the at least two mobile devices; and

a collaborative charging manager and mode selector for authorizing wirelessly sending power from the first mobile device to the second mobile device based on at least one of the power usage and the power requirements.

19. The system of claim 18, wherein the at least two devices form or are comprised in a network, and at least one of the at least two devices is switchable to a first mode as a charge contributor to the network, a second mode as a charge receiver from the network, and a third mode as a charge re-transmitter that re-transmits a charge to another one of the at least two devices in the network.

20. The system of claim 18, wherein a selection between the modes is made based on one or more rules.

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